

## CLAIMS

1. An electric connector element (1) comprising a housing (2) for receiving first (3) and second (4) contacts, a first locking device (5) for the first contacts (3), which can move between a release position and a locking position for said first contacts (3), a second locking device (6) for second contacts (4), which can move between a release position and a locking position for said second contacts (4), characterized in that it comprises means (7, 8) for preventing a maneuvering of second locking device (6) when the first locking device (5) is not in locking position for first contacts (3).
2. The electrical connector element according to claim 1, further characterized in that first locking device (5) comprises a rotary flap (9) provided with digits (10) for holding the first contacts, crosswise to a direction of insertion of first contacts (3) in the housing, second locking device (6) comprising a front grid (11) provided with elements 12 for holding second contacts (4), directed towards the rear.
3. The electric connector element according to claim 1 or 2, further characterized in that the prevention means comprise at least one stop element (7), joined to the housing, positioned in the path of an arm (8) which is part of second locking device (6) and which opposes the maneuvering of second locking device (6) from the release position towards the locking position for second contacts (4).

4. The electric connector element according to claim 3, further characterized in that arm (8) is flexible and equipped with a spur (13) provided with a first profile (14) for interlocking with a complementary profile of the stop element and a second profile (15) forming, after the arm is bent, a profile for release by sliding against stop element (7).
5. The electric connector element according to claim 3 or 4, further characterized in that first locking device (5) comprises a shoulder (16) which is positioned in front of at least a part of stop element (7) and permits maneuvering second locking device (6) towards its locking position by bending arm (8), when first locking device (5) is in locking position for first contacts (3).
6. The electric connector element according to one of claims 3 to 5, further characterized in that the arm and the stop element comprise rear inclined surfaces (30, 31) such that once grid (11) is in its set-back position for locking second contacts (4), arm (8) and stop element (7) hold the grid in set-back position by cooperation of rear inclined surface (31) of arm (8) with rear inclined surface (30) of stop element (7).
7. The electric connector element according to one of the preceding claims, further characterized in that second locking device (6), in locking position, comprises an element (17) for preventing the maneuvering of first locking device (5) from its locking position toward its release position for first contacts (3).

8. The electric connector element according to claim 7, further characterized in that said element (17) for preventing maneuvering is made up of a piece borne by second locking device (6) and received in a recess (18) that is part of first locking device (5).
9. The electric connector element according to claim 8, further characterized in that recess (18) makes up a part of elastic latching element (19).